



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
Complete if Known			
Application Number		10/748,518	
Filing Date		December 30, 2003	
First Named Inventor		Irene Spitsberg et al.	
Art Unit			
Examiner Name			
Attorney Docket Number		130707	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
<i>dm</i>		US-	4,861,618	08/29/1989	Vine et al.	
<i>dm</i>		US-	5,350,599	09/27/1994	Rigney et al.	
<i>dm</i>		US-	5,384,200	01/24/1995	Giles et al.	
<i>dm</i>		US-	5,705,231	01/06/1998	Nissley et al.	
<i>dm</i>		US-	5,942,334	08/24/1999	Wortman	
<i>dm</i>		US-	5,981,088	11/09/1999	Bruce et al.	
<i>dm</i>		US-	6,025,078	02/15/2000	Rickerby et al.	
<i>dm</i>		US-	6,054,184	04/25/2000	Bruce et al.	
<i>dm</i>		US-	6,117,560	09/12/2000	Maloney	
<i>dm</i>		US-	6,123,997	09/26/2000	Schaeffer et al.	
<i>dm</i>		US-	6,183,884	02/06/2001	Rickerby	
<i>dm</i>		US-	6,284,325 B1	09/04/2001	Maloney	
<i>dm</i>		US-	6,319,614 B1	11/20/01	Beele	
<i>dm</i>		US-	6,333,118 B1	12/21/2001	Alperine et al.	
<i>dm</i>		US-	6,352,788 B1	03/05/2001	Bruce	
<i>dm</i>		US-	6,387,526 B1	05/14/2002	Beele	
<i>dm</i>		US-	6,465,090 B1	10/15/2002	Stowell et al.	
<i>dm</i>		US-	2003/0044624 A1	03/06/2003	Spitsberg et al.	
<i>dm</i>		US-	2003/0224200 A1	12/04/03	Bruce	

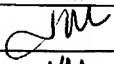
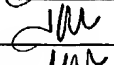
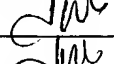
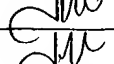
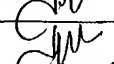
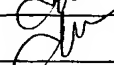
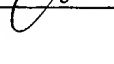
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published.	T ²
<i>dm</i>		HWANG et al., "Grain Size Control of Tetragonal Zirconia Polycrystals Using the Space Charge Concept", J. Am. Ceram. Soc., 1990, 73(11):3269-77	
<i>dm</i>		BRUCE, "Development of 1232°C (2250°F) Erosion and Impact Tests for Thermal Barrier Coatings", Tribology Trans., (1998), 41(4):399-410	
<i>dm</i>		KIM, "Effect of Ta ₂ O ₅ , Nb ₂ O ₅ , and HfO ₂ Alloying on the Transformability of Y ₂ O ₃ -Stabilized Tetragonal ZrO ₂ ", J. Am. Ceram. Soc., 73(1):115-120	
<i>dm</i>		VASSEN et al., "Zirconates as New Materials for Thermal Barrier Coatings," J. Am. Ceram. Soc., 83(8):2023-28 (2000)	

Examiner Signature	<i>[Signature]</i>	Date Considered	10/31/04
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Attorney Docket No. 130707

COPENDING U.S. PATENT APPLICATIONS

Examiner Initial	Applicant(s)	Serial No.	Filing Date	Attorney Docket No.
	Gorman et al	10/748,516	12/30/03	127051
	Boutwell et al	10/748,517	12/30/03	127084
	Darolia et al.	10/748,519	12/30/03	128895
	Spitsberg et al.	10/748,508	12/30/03	129967
	Spitsberg et al	10/748,520	12/30/03	129968
	Spitsberg et al	10/748,521	12/30/03	130706
	Spitsberg et al	10/748,513	12/30/03	143385